

LATITUDE 39°17'30"

7,163'

LATITUDE 39°15'00"

4,726' TO BOTTOM HOLE

842'

LONGITUDE 80°57'30"

3,484' TO BOTTOM HOLE

LONGITUDE 80°57'30"

**Antero Resources Corporation**  
**Well No. Maul Unit 1H**

| Pennsboro Corporation |                                 |
|-----------------------|---------------------------------|
| 6-01                  | Russell Latham                  |
| 09-05                 | Ritchie County Fairgrounds Inc. |
| 09-06                 | Carl Short                      |
| 09-18                 | Irvan Talkington Trust          |
| 10-01                 | JPE Hardwood Lumber Inc.        |
| 10-07                 | JPE Hardwood Lumber Inc.        |
| 11-01                 | David McCullough                |
| 11-02                 | Cardinal Gardens LTD Part       |
| 11-03                 | C&P Development Co. Inc.        |
| 11-04                 | Summit Community Bank Inc.      |
| 11-06                 | Central Communications Inc.     |
| 11-07                 | Samuel Cokley                   |
| 11-36                 | Kim Edmisten                    |
| 11-37                 | Brenda Edmisten                 |
| 12-03                 | Frank Butler et al              |
| 15-02                 | Pennsboro Ind. Park Dev. Auth.  |
| 16-01                 | City of Pennsboro               |
| 16-02                 | Larry Horner Jr.                |
| Clay District         |                                 |
| 19-38.1               | Karen Lee Gieball               |
| 19-38.2               | Karen Lee Gieball               |
| 19-38.3               | Karen Lee Gieball               |
| 19-38.4               | Edgar Davis Jr.                 |
| 19-39                 | Donald McCullough               |
| 19-39.1               | Sandra Kay Northcraft           |
| 19-41.1               | Edgar Davis Jr.                 |
| 19-41.2               | Joseph Davis                    |
| 19-42                 | James Davis                     |
| 19-44                 | Daniel R. Christian             |
| 19-44.1               | Daniel R. Christian             |
| 19-44.2               | Daniel R. Christian             |
| 25-01                 | Gale Tingler                    |
| 25-1.1                | Gale Tingler                    |
| 25-02                 | Bess Hogue                      |
| 25-03                 | John Davis                      |
| 25-04                 | Donald McCullough               |
| 25-4.1                | Donald McCullough               |
| 25-05                 | Penny McCullough                |
| 25-6.1                | Seth Smith                      |
| 25-6.2                | David McCullough                |
| 25-6.4                | WV DOT                          |
| 25-08                 | Thurman McCullough              |
| 25-13                 | William Goff                    |
| 25-13.1               | Archie Carpenter, Jr.           |
| 25-28                 | Harry Shaffer                   |
| 25-28.2               | Harry Shaffer                   |
| 25-28.3               | Harry Shaffer                   |
| 25-28.4               | Harry Shaffer                   |
| 25-29                 | Archie Carpenter, Jr.           |
| 25-29.1               | Archie Carpenter, Jr.           |
| 25-29.2               | William Goff                    |
| 25-45.2               | Dennis Markwith                 |
| 25-45.3               | Dennis Markwith                 |
| 25-45.4               | Dennis Markwith                 |
| 30-02                 | William Birch                   |
| 30-2.1                | Harry Shaffer                   |
| 30-2.2                | Dennis Markwith                 |
| 30-3.1                | Donald Clay                     |
| 30-4.1                | Stonewall Property Holdings LLC |
| 30-13                 | Randall Doll                    |
| 30-14                 | Charles Copeland, Jr.           |
| 30-14.1               | Charles Copeland, Jr.           |
| 30-21                 | Charles Copeland, Jr.           |
| 30-22                 | James Wilson, Jr. et al         |
| 30-25                 | Charles Copeland, Jr.           |
| 30-26                 | Joseph Wilson et al             |
| 30-27                 | Terry Fry                       |
| 30-37.2               | Terry Fry                       |
| 30-38                 | David McCullough                |
| 30-42                 | James Wilson, Jr. et al         |
| 35-03                 | Marjorie Davis                  |
| 35-04                 | E L F LLC                       |

- NOTE:
1. NO OCCUPIED DWELLINGS OR BUILDINGS TWO THOUSAND FIVE HUNDRED (2,500) SQUARE FEET OR LARGER USED TO HOUSE OR SHELTER DAIRY CATTLE OR POULTRY HUSBANDRY ARE LOCATED WITHIN SIX HUNDRED TWENTY-FIVE (625) FEET OF THE CENTER OF THE WELL PAD.
  2. TOP HOLE DATA SHOWN HEREON WAS PROVIDED BY ANTERO RESOURCES CORPORATION.
  3. AS DRILLED DATA WAS PROVIDED BY ANTERO RESOURCES CORPORATION.
  4. WLS IS NOT CERTIFYING THE DATA AND INFORMATION PROVIDED LISTED IN NOTES 2 AND 3, ONLY THE RELATIONSHIP TO THE DATA AND INFORMATION PROVIDED TO THE LEASE BOUNDARIES.
  5. WLS IS BY NO MEANS RESPONSIBLE FOR ANY ERRORS OR INACCURACIES WITH THE DATA AND INFORMATION THAT HAS BEEN PROVIDED.

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE RULES ISSUED AND PERSCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.



STATE OF WEST VIRGINIA, DIVISION  
OF ENVIRONMENTAL PROTECTION,  
OFFICE OF OIL AND GAS

WILLOW LAND SURVEYING PLLC  
220 MASONIC AVE. PENNSBORO  
WEST VIRGINIA 26415

JOB # 23-006WA  
DRAWING # MAUL1HAD  
SCALE 1" = 2000'  
MINIMUM DEGREE OF  
ACCURACY SUBMETER  
PROVEN SOURCE OF ELEV.  
SUBMETER MAPPING GRADE GPS

**LEGEND**

- Surface Owner Boundary Lines +/-
- Interior Surface Tracts +/-
- Proposed Well Path
- As Drilled Well Path

THOMAS SUMMERS P.S. 2109

STATE OF WEST VIRGINIA  
DEPARTMENT OF ENERGY  
DIVISION OF OIL AND GAS

DATE 04/12/24  
OPERATOR'S WELL# MAUL UNIT #1H

WELL TYPE: OIL ☐ GAS ☒ LIQUID INJECTION ☐ WASTE DISPOSAL ☐ 47 - 085 - 10486  
(IF "GAS") PRODUCTION ☒ STORAGE ☐ DEEP ☐ SHALLOW ☒ STATE COUNTY PERMIT  
LOCATION: ELEVATION 1,035' AS BUILT WATERSHED NORTH FORK HUGHES RIVER  
QUADRANGLE PENNSBORO 7.5' (TOP HOLE) - PULLMAN 7.5' (BOTTOM HOLE) DISTRICT CLAY COUNTY RITCHIE  
SURFACE OWNER DANIEL R. CHRISTIAN ACREAGE 17.36 ACRES +/-  
OIL & GAS ROYALTY OWNER DANIEL R. CHRISTIAN ET UX LEASE ACREAGE 76.11 AC±

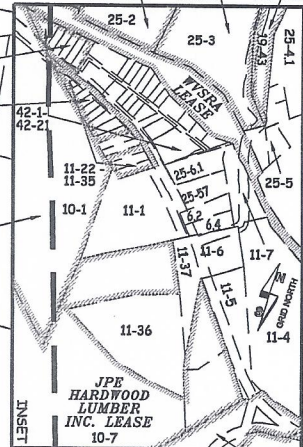
PROPOSED WORK: DRILL ☐ CONVERT ☐ DRILL DEEPER ☐ REDRILL ☐ FRACTURE OR STIMULATE ☐  
PLUG OFF OLD FORMATION ☐ PERFORATE NEW FORMATION ☐ OTHER PHYSICAL CHANGE IN WELL  
(SPECIFY) AS DRILLED PLUG & ABANDON CLEAN OUT & REPLUG  
TARGET FORMATION MARCELLUS ESTIMATED DEPTH 6,325' TVD 24,658' MD  
WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT KEVIN ELLIS  
ADDRESS 1615 WYNKOOP ST. ADDRESS 554 WHITE OAKS BLVD  
DENVER, CO 80202 BRIDGEPORT, WV 26330

AS DRILLED DATA:  
WELL 1H TOP HOLE INFORMATION:  
N: 290,967ft E: 1,580,087ft  
LAT: 39°17'21.68" LON: 80°59'01.12"  
BOTTOM HOLE INFORMATION:  
N: 273,111ft E: 1,582,236ft  
LAT: 39°14'25.57" LON: 80°58'30.06"  
WEST VIRGINIA COORDINATE  
SYSTEM OF 1927 NORTH ZONE.  
ZONE WAS DERIVED FROM  
MEASUREMENTS TAKEN WITH  
TRIMBLE GEOXT SUBMETER  
MAPPING GRADE GPS UNIT.  
PLAT ORIENTATION, CORNER,  
AND WELL REFERENCE TIE LINES  
ARE BASED ON GRID NORTH.

(NAD) 83 (UTM) ZONE 17 COORDS:  
WELL 1H TOP HOLE INFORMATION:  
N: 4,348,896m E: 501,425m  
BOTTOM HOLE INFORMATION:  
N: 4,343,468m E: 502,171m

(NAD) 27 (UTM) ZONE 17 COORDS:  
WELL 1H TOP HOLE INFORMATION:  
N: 14,267,291ft E: 1,645,045ft  
POINT OF ENTRY INFORMATION:  
N: 14,265,669ft E: 1,641,952ft  
BOTTOM HOLE INFORMATION:  
N: 14,249,480ft E: 1,647,490ft

PINEY KAREN LEE JOSEPH P.  
HOLDINGS GIEBALL DAVIS ET  
INC. LEASE LEASE UX LEASE



NOTE:  
8 WATER WELLS WERE  
LOCATED WITHIN 2000'  
OF THE CENTER OF PAD

WELL NO. 1H

|    |            |         |
|----|------------|---------|
| W1 | N 68° W    | 1646.0' |
| W2 | N 67°38' W | 1560.0' |
| W3 | N 70°25' W | 1450.2' |
| W4 | N 70°43' W | 1927.8' |
| W5 | S 87°36' W | 1631.4' |
| W6 | S 79°18' W | 1281.6' |
| W7 | S 60°38' W | 1984.7' |
| W8 | S 57°50' W | 1694.8' |

THOMAS SUMMERS  
LICENSED  
No. 2109  
STATE OF  
WEST VIRGINIA  
PROFESSIONAL SURVEYOR

NOT TO SCALE  
GRID NORTH

15' MAUL UNIT 1H  
15' MAUL UNIT 2H  
15' MAUL UNIT 3H  
15' MAUL UNIT 4H  
15' MAUL UNIT 5H  
15' MAUL UNIT 6H  
15' MAUL UNIT 7H  
15' MAUL UNIT 8H  
15' MAUL UNIT 9H  
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15' MAUL UNIT 95H  
15' MAUL UNIT 96H  
15' MAUL UNIT 97H  
15' MAUL UNIT 98H  
15' MAUL UNIT 99H  
15' MAUL UNIT 100H

# INSET

